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SUBSTITUTE PTO/SB/05
Approved for use through 10/31/2002.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

PRS0732-DIV

First Inventor or Application Identifier

Donald A. Shiffler, Jr.

Title

METHOD OF MAKING A FIELD EMISSION COLD CATHODE

Express Mail Label No.

EK482640278US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
2. ☐ Applicant claims small entity status
(See 37 CFR 1.27)
3. ☒ Specification [Total Pages]
(Preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 1.373(b) Statement ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS) PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (should be itemized)
15. ☐ Certified Copy of Priority Document(s)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☒ Divisional ☐ Continuation in Part (CIP) of prior application No: 09/681,703

Prior application information: Examiner Jason Phinney Group / Art Unit 2879

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5B, is considered to be a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer Number or Attach bar code label here)

Name	JAMES M. SKORICH				
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Name (Print / Type)	JAMES M. SKORICH	Registration No. (Attorney / Agent)	27,594
Signature	<i>James M. Skorich</i>	Date	1/26/04

FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number

Filing Date

1/26/2004

First Named Inventor

Donald A. Shiffler, Jr.

Examiner Name

Group Art Unit

Attorney Docket Number

PRS072-DIV

TOTAL AMOUNT OF PAYMENT

(\$ 1,028

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

AF 01-0465

Deposit Account Name

Department of the Air Force

- ☒ Charge Any Additional Fee Required under 37 CFR 1.16 and 1.17 ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Lge Entity Fee Code	Lge Entity Fee (\$)	Sm. Entity Fee Code	Sm. Entity Fee (\$)	Fee Description	Fee Paid
101	750	201	370	Utility Filing Fee	770
106	330	206	165	Design Filing Fee	
107	510	207	255	Plant Filing Fee	
108	740	208	370	Reissue Filing Fee	
114	160	214	80	Provisional Filing Fee	

SUBTOTAL (1) (\$ 770

2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims	18 - 20 = 0	X 18 = 0	
Independent claims	6 - 3 = 3	X 86 = 258	
Multiple dependent claims			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	86	202	43	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 258

** or number previously paid, if greater; For Reissues, see below

3. ADDITIONAL FEES

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner Action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times # of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR §1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR §1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	

Other fee (specify) _____

SUBTOTAL (3) \$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	JAMES M. SKORICH	Registration. No.	27,594	Telephone	(505) 846-1542
Signature	<i>James M. Skorich</i>			Date	1/26/2004
Typed or Printed Name		Registration. No.		Telephone	
Signature				Date	

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shiffler

Attorney Docket No.: PRS072-DIV

Filed: 1/26/04

For: Method of Making a Field Emission Cold Cathode

Commissioner for Patents
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 C.F.R. §1.10

I hereby certify that the attached correspondence comprising:

1. Utility Patent Application Transmittal (1 page);
2. Fee Transmittal (1 page original and duplicate);
3. Divisional Application, including specification and claims (9 pages); and drawing (1 sheets);
4. Copy of the Declaration and Power of Attorney from the pending application (1 page);
5. Information Disclosure Statement (1 page);
6. copies of two patent references cited in the Information Disclosure Statement; and
7. Return Receipt Postcard

is being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service having mailing label no. **EK482640278US**, at:

Kirtland AFB Branch Post Office
2nd and F Street, SE
Albuquerque, NM 87115

addressed to:

Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

on January 26, 2004.


James M. Skorich